

hNTS1R agonist-1

Chemical Properties

CAS No. :

Formula: C37H62N10O9

Molecular Weight: 790.95

Keep away from moisture

Storage: Powder: -20°C for 3 years | In solvent: -80°C for 1 year

Actual storage temperature shall be subject to the COA.

Biological Description

Description	Compound 10, an hNTS1R agonist-1, acts as a full agonist with a strong affinity for hNTS1R (K _i : 6.9 nM), showing the ability to cross the blood-brain barrier (BBB). It not only enhances motor function but also improves memory in a mouse model of Parkinson's disease (PD). Additionally, this compound is an analog of Neurotensin(8-13) and demonstrates neuroprotective properties [1].
Targets(IC50)	Neurotensin Receptor

Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	1.2643 mL	6.3215 mL	12.643 mL
5 mM	0.2529 mL	1.2643 mL	2.5286 mL
10 mM	0.1264 mL	0.6322 mL	1.2643 mL
50 mM	0.0253 mL	0.1264 mL	0.2529 mL

Please select the appropriate solvent to prepare the stock solution, according to the solubility of the product in different solvents. Please use it as soon as possible.

Note: The dilution table applies only to solid products. For liquid products, please calculate the stock solution based on the stated concentration and/or density.

Inhibitor · Natural Compounds · Compound Libraries · Recombinant Proteins

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